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7. The reflectance measuring apparatus of claim 5, said second longitudinal end of said tube being closed off by a window.

8. The reflectance measuring apparatus of claim 6, said longitudinal ends of said light-conducting device being uncoated.

9. The reflectance measuring apparatus of claim 1, said light-conducting device having a polygonal-shaped cross section.

10. The reflectance measuring apparatus of claim 9, said light-conducting device being a tube.

11. The reflectance measuring apparatus of claim 10, said light-conducting device being a massive, light-transparent piece made of a material selected from the group consisting of glass and plastic.

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12. The reflectance measuring apparatus of claim 10, said second longitudinal end of said tube being closed off by a window.

13. The reflectance measuring apparatus of claim 11, said longitudinal ends of said light-conducting device being uncoated.

14. The reflectance measuring apparatus of claim 1, said light-conducting device having a wall surface disposed in surrounding relationship to said axis; and, said surface having a reflective coating formed thereon.

15. The reflectance measuring apparatus of claim 1, said light-conducting device having a wall surface disposed in surrounding relationship to said axis; and, said surface having a white coating formed thereon.

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